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cancel* the period before the activation of the oxygen density sensor is completed to be utilized at maximum effectiveness.

**IN THE CLAIMS:**

Amend claims 1 and 2 as follows:

*a17* 1. (Amended) An engine generator apparatus for interconnecting an output of a generator driven by an engine with a power network, comprising:

an oxygen density sensor provided on the engine for controlling the air-fuel ration based on its output;

a means for interconnecting the output of the power generator with the power network when the oxygen density sensor is in its activated state;

a fault detecting means for detecting a fault in the interconnection with the power network;

a means for canceling the interconnection with the power network when the fault detecting means detects a fault, and resuming the interconnection with the power network when the fault is removed; and

a means for stopping the engine when the interconnection is canceled for a predetermined length of time due to the fault detection.

2. (Amended) A cogeneration system comprising:

an engine generator apparatus for interconnecting an output of a generator driven by an

*air  
cancel* engine with a power network comprising:

an oxygen density sensor provided on the engine for controlling the air-fuel ratio based on its output;

a means for interconnecting the output of the power generator with the power network when the oxygen density sensor is in its activated state;

a fault detecting means for detecting a fault in the interconnection with the power network;

a means for canceling the interconnection with the power network when the fault detecting means detects a fault, and resuming the interconnection with the power network when the fault is removed;

a means for stopping the engine when the interconnection is canceled for a predetermined length of time due to the fault detection; and

a waste heat utilizing unit for utilizing waste heat produced by the operation of the engine generator apparatus, wherein the engine is started in response to a heat request generated by the waste heat utilizing unit.